## HIGHWAY BRIDGE SCOUR PLAN OF ACTION REPORT



BRIDGE ID NUMBER: 84SR0030009

BRIDGE OWNER: STATE OF TENNESSEE

ROAD NAME: HWY 51 S

CROSSING: INDIAN CR DRAINAGE CANAL LATITUDE:: N 35.49681 DEGREES LONGITUDE: W 89.72211 DEGREES

COUNTY: TIPTON
ROUTE: SR003
SPECIAL CASE: 0
COUNTY SEQUENCE: 1
LOG MILE: 10.33
YEAR BUILT: 1924

		TYPE OF SUPERSTRUCTURE =	
MAIN SPAN:	CONCRETE - TEE BEAM	APPR. SPAN:	NOT APPLICABLE
		-	
A DUITMENITO		TYPE OF SUBSTRUCTURE =	
	CONCRETE FULL HEIGHT ABUTME	NT ON CONCRETE SPREAD FOOTI	NG FOUNDATION
BENTS:	NOT APPLICABLE		
PIERS:	NOT APPLICABLE		
		SCOUR EVALUATION -	
-	our critical; bridge foundations de ing scour countermeasures.	termined to be unstable for cal	culated scour conditions. Monitor bridge in
		INSPECTION PROCEDURES -	
What Initiat	ed the Call-out Inspection?	[ ] BridgeWatch Alert	
		<del>-</del>	al Maintenance Personnel
		[ ] THP or Local Law En	
Things to c	heck on a bridge during floods	<b>3.</b>	
	movement - horizontally as w	_	
	•	•	e rails and outer edge of bridge deck.
	Check for plumb of piers or be		o rans and outer dage of bridge dook.
	k for embankment erosion	113.	
	k for drift build-up on piers or	hents	
	k pier exposure, if possible, ar		ection
	ew the latest bridge inspection		
[ ] - IVEAIG	w the latest bridge mapection	report versus current neid c	onditions
If Closure is	recommended:		
[ ] - Stay a Coun temp	at bridge with vehicle pulled a on the court of the court	nel. Use Barricade Tape, tra	cured and properly closed by District, ffic cones and/or traffic flares as until such time as the bridge may
[ ] - Conta	ct: (1) District Maintenance Supervisor ( if bridge is State maintained )		
	(2) City or County Highwa	y Maintenance Official ( if bi	ridge is not State maintained )
	(3) Tennessee Highway Pa	atrol and/or local law enforce	ement Officers as appropriate
	(4) TDOT Regional Bridge	Engineer	
	ridge should remain closed until the water recedes and a daylight visual inspection is made DOT bridge inspection team.		

## **PUBLICATION DATE**

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[ ] - The bridge inspection team will work with State District maintenance or local highway maintenance



officials in establishing a detour route. Any bridg prior to signing the detour route.	ge on the selected detour route shall be checked		
	ridge can be re-opened only after a TDOT bridge inspection team checks the substructure and they are determined to be structurally stable.		
CONTACT PERSONNEL:	TELEPHONE NUMBER:		
REGION BRIDGE ENGINEER	(731) 234-9561		
DISTRICT MAINTENANCE SUPERVISOR	(901) 484-2610		
TENNESSEE HIGHWAY PATROL	(901) 543-6256		
The report shall include the date and time of the i as appropriate, photographs of the bridge and str scouring has occurred, the report shall also be co	ream channel measurements. If significant opied to Bridge Inspection Headquarters.		
Suggested List of Equipment to conduct the Inspection	<u>ı:</u>		
Latest Bridge Inspection Report			
Scour POA Report with the above Checklist			
Bridge Design Plans, if available			
Tape measure with weight			
Plumb bob			
Range Pole			
A 1000 Foot Roll of yellow Polyethylene Barricade Tape			
SAFETY HAZARD KEEP AV	NAY		

Traffic Cones - Minimum of four (4)

Traffic Safety Flares - Minimum of four (4) or set of electronic warning flashers

TDOT two-way radio (State Personnel only) and/or cellular telephone

**TDOT radio directory (State Personnel only)** 

A Barricade Tape Dispenser with serrated cutter

A roll of Duct Tape